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(54) Title: PHARMACEUTICAL COMPOSITIONS COMPRISING AN HIV ENVELOPE PROTEIN AND CD4

(57) Abstract: (A) Pharmaceutical composition for treating/preventing HIV comprising (i) a polynucleotide encoding HIV envelope protein and (ii) a polynucleotide encoding CD4 receptor protein or; (i) a polynucleotide encoding HIV envelope protein and (ii) a CD4 receptor protein or; a fixed cell expressing an HIV envelope protein complexed with a CD4 receptor protein also disclosed are (B) pharmaceutical compositions for treating/preventing HIV comprising an antibody immunospecific for a fixed cell expressing an HIV envelope protein complexed with a CD4 receptor protein. The binding of the CD4 to the HIV envelope protein, i.e. gp120, exposes hidden epitopes that may be used as targets in immunotherapy; the presentation of the gp120 and CD4 in the present forms is said to overcome problems with prior art soluble gp120-CD4 complexes.